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FIG.1

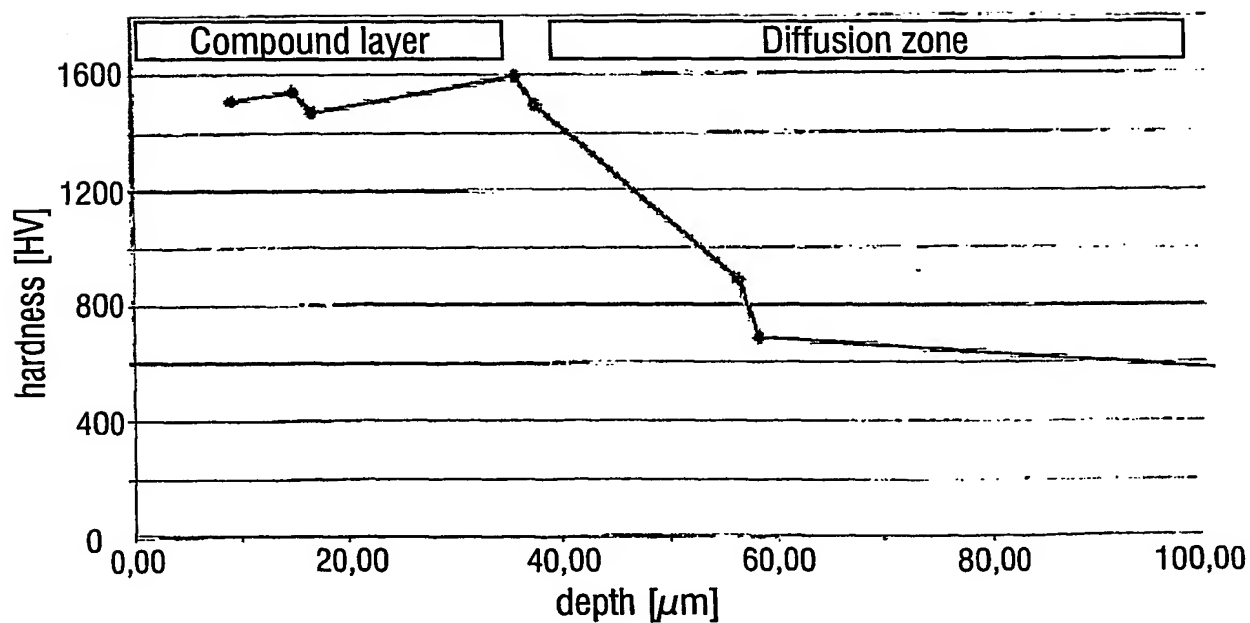


FIG.2

Best Available Copy

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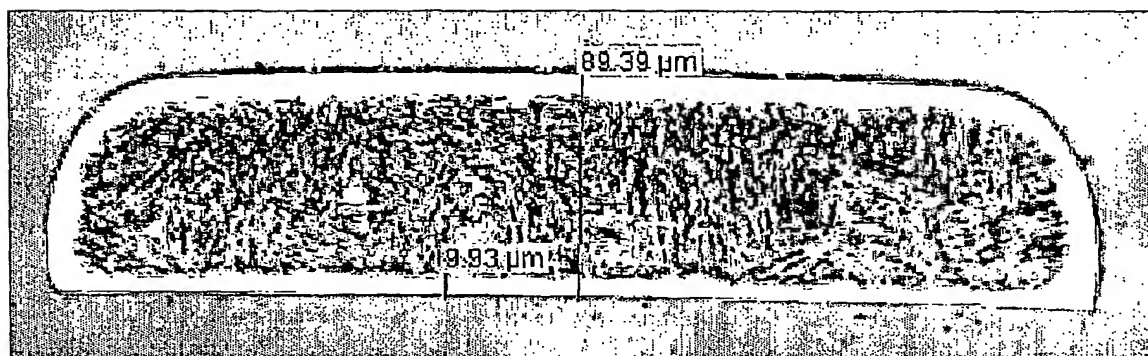
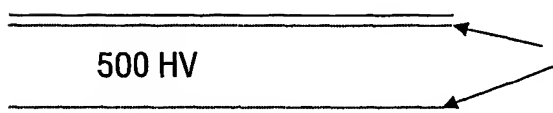


FIG.3



Compound layer

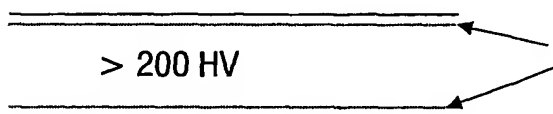
10 to 20 μm

Fischer indenter measurements:

Hardness: 1500 HV

E-modulus: + 40 GPa (+ 23%)

FIG.4



Compound layer

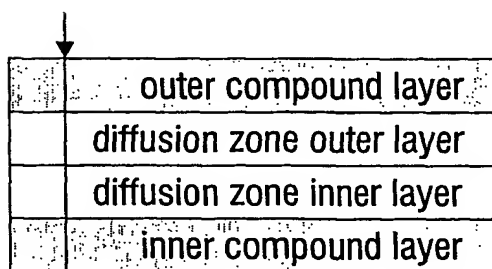
10 to 20 μm

Hardness: 1400 to 1600HV

E-modulus:

+ 30 to 50 GPa (+17 to 28%)

FIG.5



thickness lamella $\approx 70 \mu\text{m}$

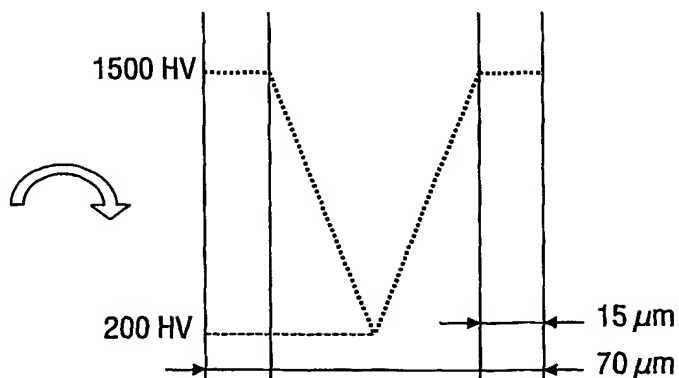


FIG.6